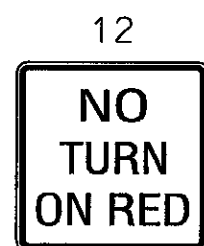
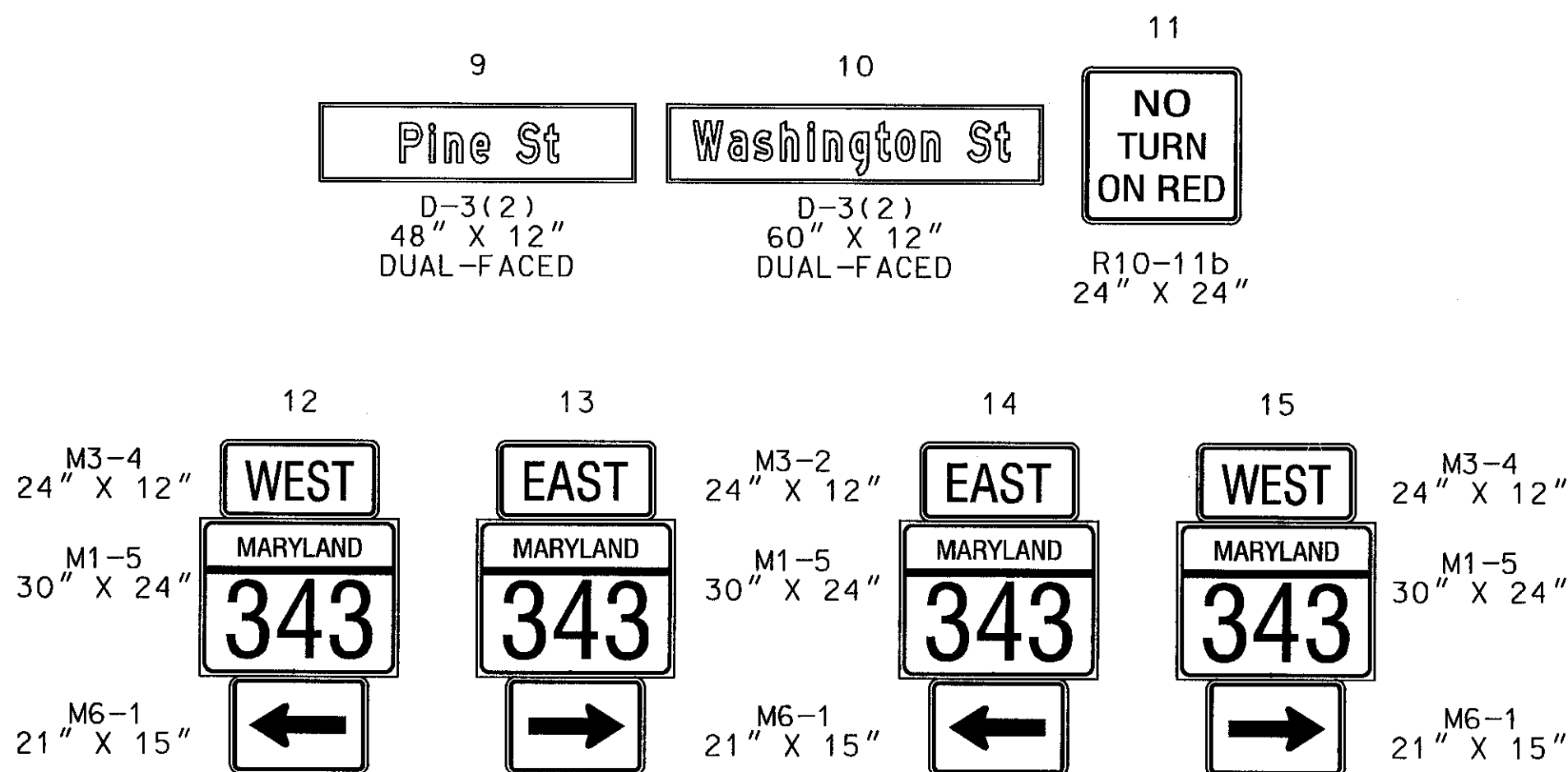


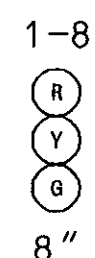
EXISTING SIGN - TO BE REMOVED



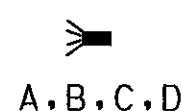
PROPOSED SIGNS



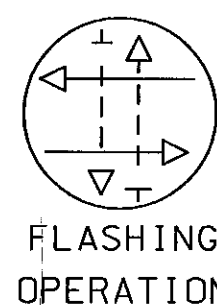
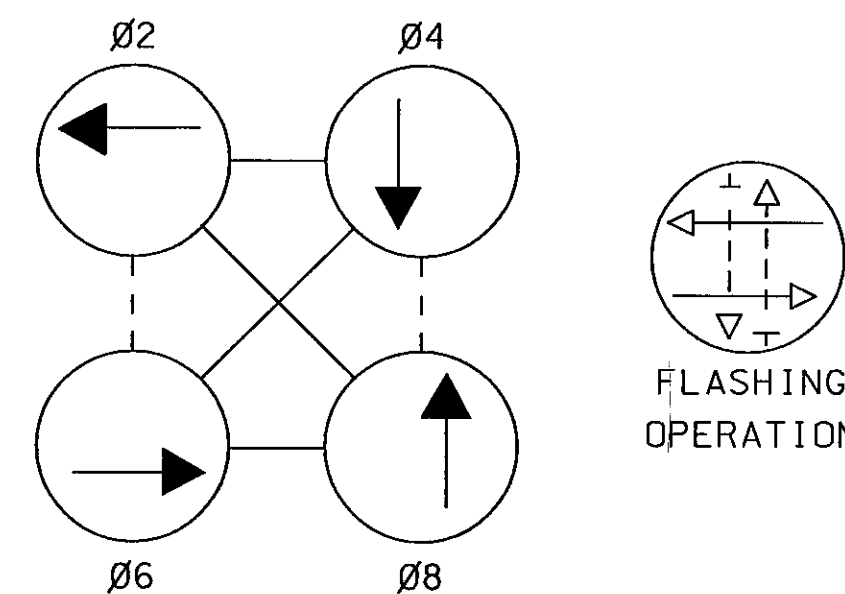
PROPOSED SIGNALS



PROPOSED VIDEO DETECTION CAMERAS



NEMA PHASING

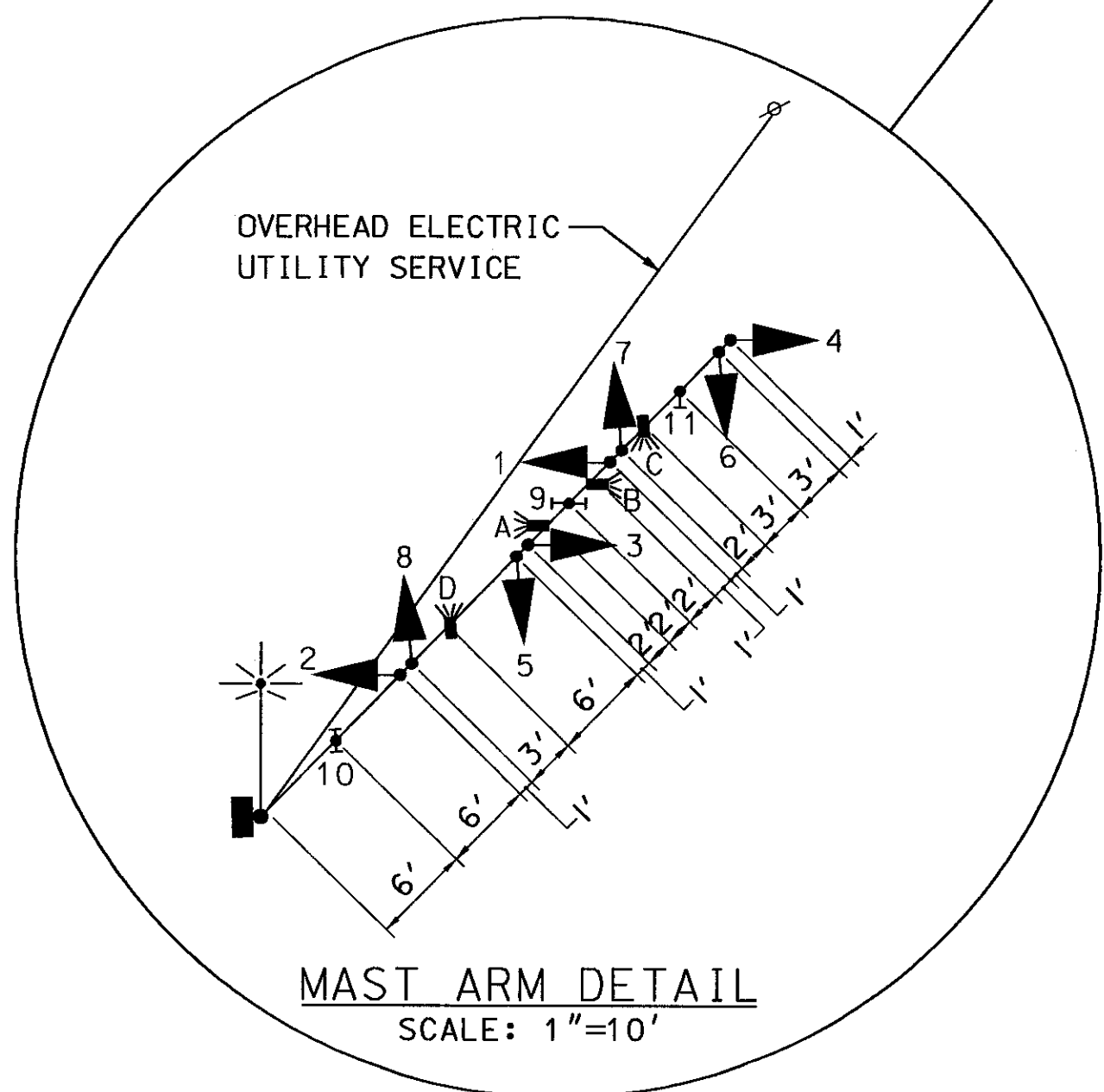
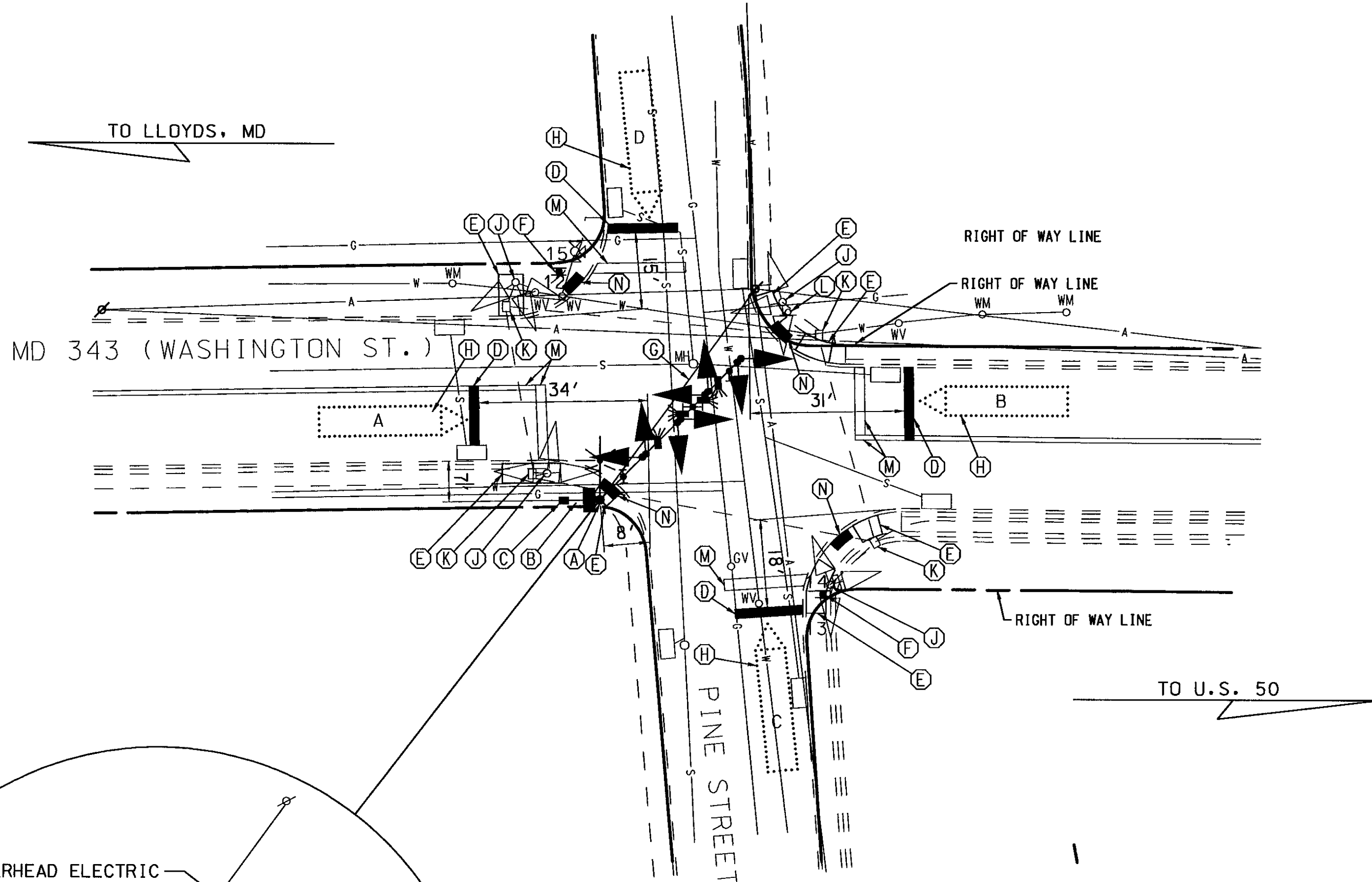


PHASING NOTES:

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

CONSTRUCTION DETAILS

- A. INSTALL 27' STEEL POLE WITH A SINGLE 50' MAST ARM (CUT TO 40'), SIGNS, SIGNALS, VIDEO DETECTION CAMERAS, 15' LIGHTING ARM, 250 WATT H.P.S. LUMINAIRE WITH PHOTOCELL, ELECTRICAL UTILITY SERVICE EQUIPMENT FOR OVERHEAD POWER FEED, POLE MOUNTED CABINET AND TRAFFIC SIGNAL CONTROLLER. (NOTE: FOUNDATION REQUIRES 1-2" AND 2-3" CONDUIT BENDS.)
- B. INSTALL 3" SCHEDULE 80 RIGID PVC CONDUIT.
- C. INSTALL ELECTRICAL HANDHOLE.
- D. INSTALL 24" HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING (STOP LINE).
- E. INSTALL 4" CONCRETE SIDEWALK.
- F. INSTALL GROUND MOUNTED SIGN ON 6"x6" WOOD POST.
- G. OVERHEAD POWER FEED.
- H. VIDEO TRAFFIC DETECTION ZONE.
- J. REMOVE EXISTING SIGNAL POLE AND FOUNDATION TO 1' BELOW GRADE.
- K. REMOVE EXISTING HANDHOLE, CAP AND ABANDON EXISTING CONDUITS.
- L. REMOVE EXISTING GROUND MOUNTED SIGN AND POST.
- M. REMOVE EXISTING PERMANENT PAVEMENT LINE MARKINGS (ANY WIDTH).
- N. INSTALL DETECTABLE WARNING SURFACE



GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

UTILITY LEGEND

- | | | |
|-------|-----|------------------|
| — G — | G — | GAS MAIN |
| — W — | W — | WATER MAIN |
| — S — | S — | SEWER MAIN |
| — E — | E — | ELECTRIC CABLES |
| — A — | A — | AERIAL CABLES |
| — T — | T — | TELEPHONE CABLES |

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APPROVALS
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ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

SHA MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD 343 (WASHINGTON ST.) AND PINE STREET
SIGNAL PLAN
CAMBRIDGE, MARYLAND
DRAWN BY: SMH
CHECKED BY: BLB
SCALE: 1"=20'
DATE: NOV. 1, 2004
F.A.P. NO. AT355185
S.H.A. NO. COUNTY: DORCHESTER
LOG MILE: 0934310.45
TS NO. 4353
T.I.M.S. NO. G430
SHEET NO. 1 OF 2